

SONY

3-752-775-11 (1)

B

System Adaptor Kit

RM-D3K

Operating Instructions page 2

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Mode d'emploi Page 24

Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.

Manual de instrucciones Página 44

Antes de emplear la unidad, lea detenidamente este manual y consérvelo para futuras referencias.

Manual de instruções página 64

Antes de utilizar o aparelho, leia atentamente este manual e guarde-o para futuras consultas.

Owner's Record

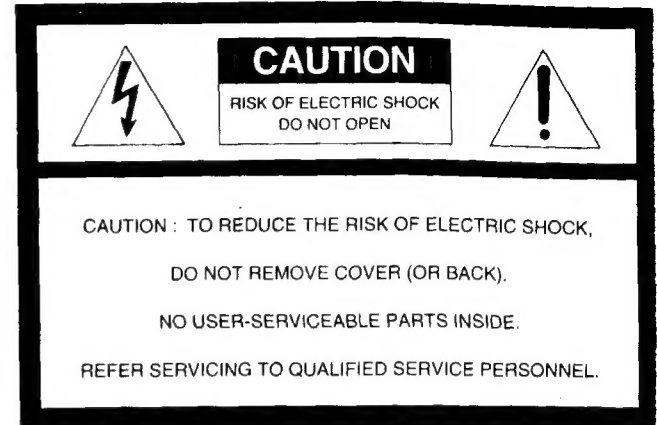
The model number and serial number are located on the bottom of the unit. Record the serial number in the space provided below. Refer to these numbers whenever you call on your Sony dealer.

Model No. RMR-D3

Serial No. _____

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

2

* The graphic symbols are on the bottom enclosure.

For the customers in the U.S.A.**INFORMATION**

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the equipment away from the receiver
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems".

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

For the customers in Canada**CAUTION:**

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

This apparatus complies with the Class B limits for radio noise emissions set out in Radio Interference Regulations.

**NOTICE FOR THE CUSTOMERS IN THE
UNITED KINGDOM****IMPORTANT**

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not connect either wire to the earth terminal in the plug which is marked by the letter E or by the safety earth symbol \perp or coloured green or green-and-yellow.

WARNING

Mains cord must only be changed at qualified service shop.

Table of Contents

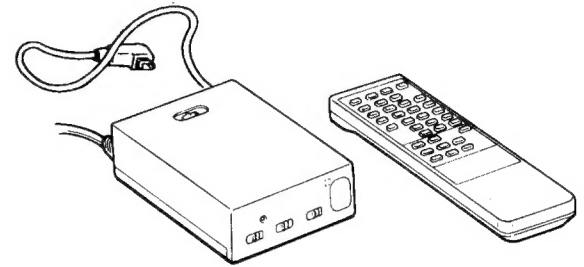
Introduction	
Outline and Features	6
Precautions	7
Location and Function of Controls	8
Operations	
Remote Control Operations	11
Preparations and Connections	11
Direct Selecting	13
Music Scanning	14
Record Muting	15
CD Synchronized Recording	16
Writing the Start ID	17
Digital Input and Output Connectors	18
Timer-Activated Recording and Playback	20
Specifications	22

Outline and Features

The RM-D3K is the remote control, timer, and digital input/output adaptor kit for the digital audio tape-corder TCD-D3. With the RM-D3K connected to TCD-D3, you can:

- Enjoy wireless control of the TCD-D3 (including direct selecting desired programs, music scanning, and record muting operation)
- Connect to other audio equipment using digital input/output connectors (both optical and coaxial digital);
- Make timer-activated recordings and playbacks on the TCD-D3 (when used with an audio timer, not supplied).

The RM-D3K consists of the following two components:



the RMR-D3 remote control/
timer/digital input/output adaptor

the RMT-D3 remote
commander

Precautions

On safety

- Before connecting the RMR-D3 remote control adaptor to the wall outlet, check to be sure that the unit's operating voltage is the same as your local power supply (see "Specifications"). Use only the supplied power cord and no other type.

Where purchased	Operating voltage
United States, Canada	120V AC, 60Hz
United Kingdom	240V AC, 50Hz
Continental European countries	220/230V AC, 50Hz

- The nameplate indicating operating voltage, power consumption, etc., is located on the bottom exterior of the RMR-D3.
- To operate the commander, use two AA(R6) batteries. Never use any other type.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the RMR-D3 from the wall outlet if it is not going to be used for several days or more. To disconnect the cord, pull it out by the plug; never pull the cord itself.
- To avoid damage from battery leakage, remove the batteries from the commander when it is not going to be used for several days or more.
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

On installation

Do not install the unit near heat sources such as radiators or air ducts, or in locations subject to direct sunlight, excessive dust, excessive moisture, mechanical vibrations or shock.

On cleaning

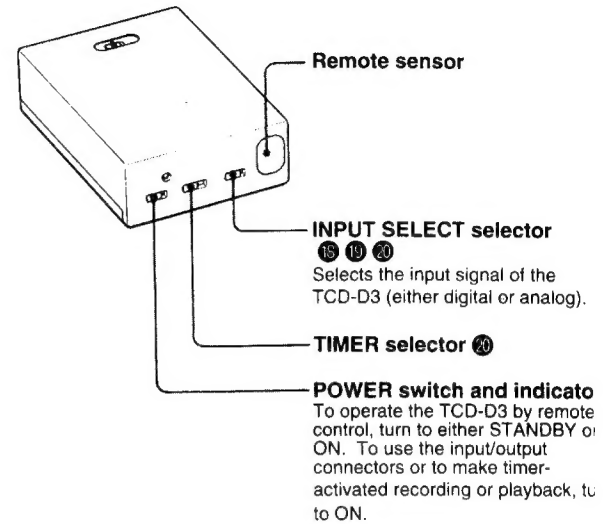
Clean the unit with a lightly dampened soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzine as they might damage the unit's exterior finish.

If you have any questions or problems concerning your unit that is not covered in this manual, please consult your nearest Sony dealer.

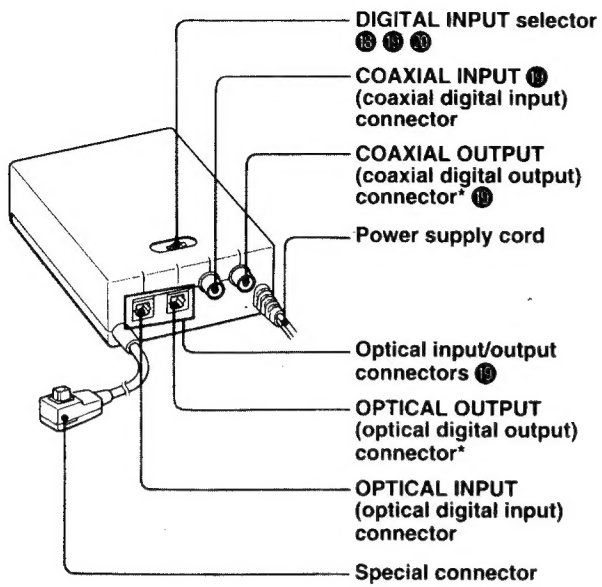
Remote Control Adaptor RMR-D3

(Front)

Refer to the pages indicated in ● for details.

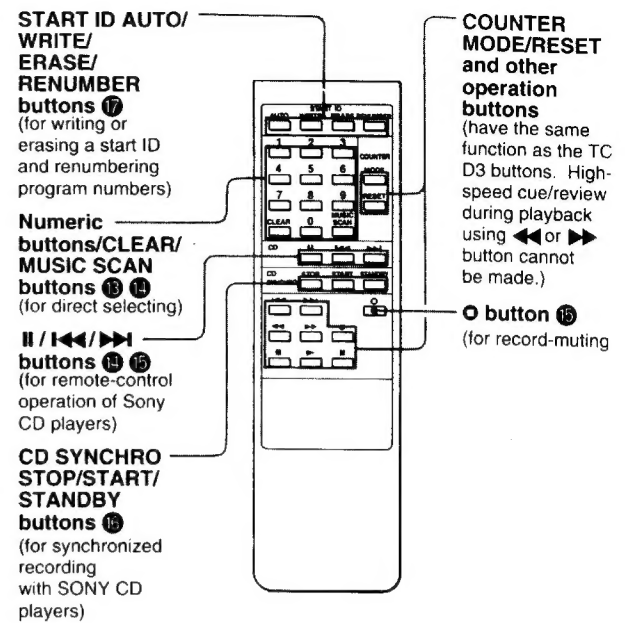


(Rear)



* Whichever position is selected on the DIGITAL INPUT selector, the signal is output simultaneously from the OPTICAL OUTPUT and COAXIAL OUTPUT connectors.

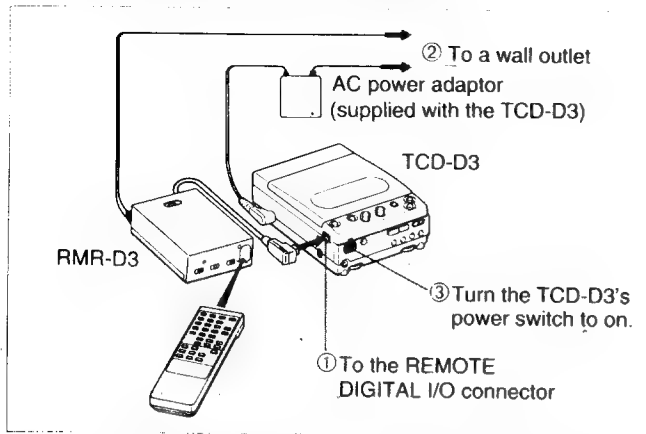
Remote Commander RMT-D3



Remote Control Operations

You can operate the TCD-D3 by remote control when the RMR-D3 is connected to the tape-corder.

Preparations and Connections



Power source of the TCD-D3

Use the supplied AC power adaptor especially when making timer-activated recording or playback.

HOLD switch of the TCD-D3

You can control the TCD-D3 with the remote commander even when the HOLD switch of the TCD-D3 is on.

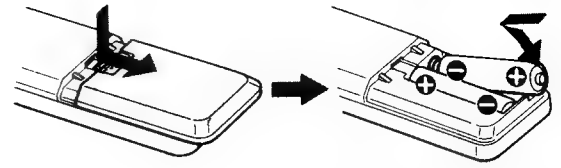
Note

To avoid causing noise or other malfunctioning, be sure to turn off the power of both the RMR-D3 and the TCD-D3 before you connect or disconnect the unit from the REMOTE DIGITAL I/O connector of the TCD-D3.

Remote Control Operations

Power source of the commander

To install batteries



Insert two AA (R6) batteries.

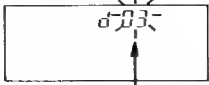


Battery replacement

As the batteries become weak, the maximum control distance of commander lessens. When this effect becomes noticeable, replace the two batteries with new ones.

Direct Selecting

When you have marked the beginning of each selection on your tape with the program number, you can play the desired selection simply by entering the number on the remote commander.

(Example: direct selecting and playback of the 3rd selection)

Operation	Result
During playback or stop mode 1 Press the 3 button.	Display window of the TCD-D3  Flashing
2 Press the MUSIC SCAN or ► button.	Searching the 3rd selection  Program numbers are scanned. ↓  Playback starts.

If you designate a program number not recorded on the tape

The TCD-D3 searches for the designated program number on the recorded portion of the tape three times back and forth and then stops.

If you designate the wrong program number

Press the CLEAR button and select the correct number.


Music Scanning

You can listen to the first 9 seconds of each selection successive
This MUSIC SCAN function allows you to check the recorded
selections.

Operation	Result
During playback or stop mode 1 Press the MUSIC SCAN button.	Display window of the TCD-D3 <div>S E A N</div>
2 Press the ◀◀ or ▶▶ button.	The TCD-D3 searches the nearest start ID in the ◀◀ or ▶▶ direction and starts playing. * The unit plays the first 9 second of the selection and then moves to the next selection having a start ID.

Record Muting

While recording, you can make a sound-muted period (a period on which a recording has been made but with the sound muted) between the selections. The sound-muted periods are useful during later playback or editing of the tape.

Operation	Result
<p>During recording</p> <p>1 Press the ○ button when you want to record the sound muted.</p>	<p>Display window of TCD-D3</p>  <p>Flashing</p> <p>A four-second sound-muted period is automatically recorded on the tape. → Then recording pauses.</p>
<p>2 Press the or ▶ button when you want to resume recording.</p>	<p>The record muting is released and recording resumes.</p>

If you depress the **○** button for more than 4 seconds

A sound-muted period will be recorded for as long as you press the **○** button. (After you press the **○** button for four seconds, **■** starts flashing quickly on the display window.) When you release the **○** button, the TCD-D3 stops and enters pause mode, ready for further recording.

Note

When you make sound-muted periods between the selections, do not use **▶** or **▶▶** to advance the tape.

CD Synchronized Recording

By using the commander together with a remote-control Sony CD player, you can start recording on the TCD-D3 and playback of the CD player simultaneously.

Operation	Result
1 Turn on the power of the TCD-D3 and insert a cassette.	
2 Set a compact disc in the CD player.	
3 Press CD SYNCHRO STANDBY on the commander.	The CD player enters pause mode, ready for playback. The TCD-D3 also enters pause mode, ready for recording.
4 Press the CD SYNCHRO START button on the commander.	Recording starts. After 1 second, disc playing starts.

To stop synchronized recording

Press the **CD SYNCHRO STOP** button on the commander.

Note

If the CD player and the TCD-D3 are located at too great a distance from one another, the synchronized recording will not work.

Writing the Start ID

You can write the start ID with the commander in the same way as you do with the TCD-D3.

To write the start ID during recording

Press the WRITE button at whatever point in the recording you wish to mark with a start ID.

→ A start ID is written.

To write the start ID during playback

- 1 Press the WRITE button at the point you wish to write a start ID.
 - The TCD-D3 plays back the several-seconds period beginning at the designated point—Rehearsal function.
(For further details on the rehearsal function, refer to the operating instructions of the TCD-D3.)
- 2 Press the WRITE button again at exactly the point you wish to write the start ID during repeated playback.
 - A start ID is written.

To erase the start ID

Press the ERASE button during playback or during stop mode.

→ The start ID at the beginning of the selection or the nearest START ID going towards the beginning of the tape is erased.

To renumber the program numbers

Press the RENUMBER button during playback or in stop mode.

→ The TCD-D3 automatically rewinds the tape and starts renumbering the program numbers from the beginning. When the renumbering is completed, the tape is automatically rewound to the beginning again and stops.

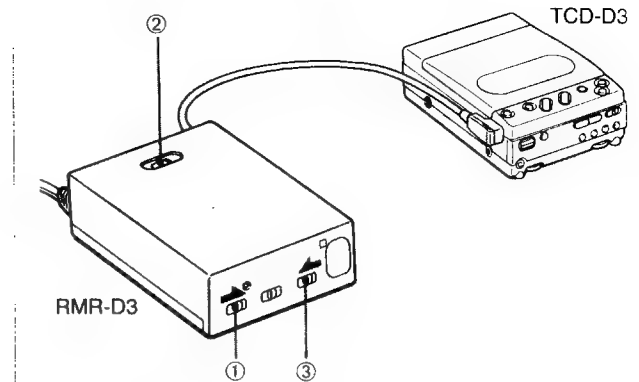
Note

The WRITE button of the commander corresponds with the ENTER button of the TCD-D3. For more detailed information about the use of the start ID, please refer to the operating instructions of the TCD-D3.

Digital Input and Output Connector

The RMR-D3 has both optical and coaxial digital input/output connectors. You can enjoy recording and playback via these digital connectors by connecting your unit to other digital audio equipment.

Connecting to the TCD-D3



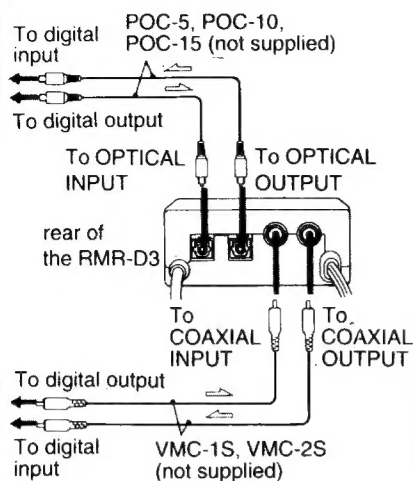
- ① Turn the POWER switch to ON.
- ② Set the DIGITAL INPUT selector to:
OPTICAL: when connecting via optical input connector
COAXIAL: when connecting via coaxial input connector
- ③ Set the INPUT SELECT selector to DIGITAL.
→ **DIGITAL IN** appears on the display window of the TCD-D3.

Note

Be sure to turn off the TCD-D3 before changing the DIGITAL INPUT selector setting. If you change the setting during digital recording, a noise may be generated or recorded on your tape.

Connecting to other audio equipment

CD player, DAT deck, digital amplifier, and other equipment having OPTICAL digital input/output connectors



or

CD player, DAT deck, digital amplifier, and other equipment having COAXIAL digital input/output connectors

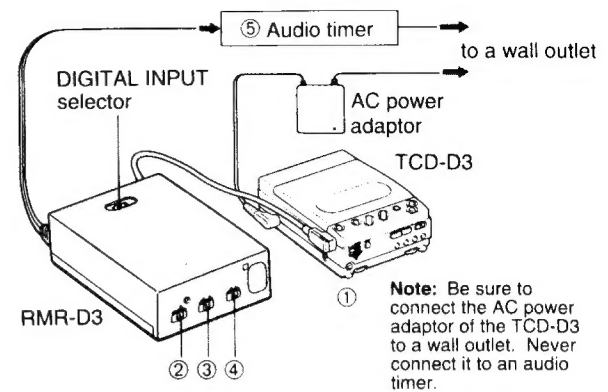
↔: the flow of the digital signals

When recording the signal via the MIC/LINE IN connector of the TCD-D3

Set the INPUT SELECT selector of the front panel to ANALOG.
(You can set the DIGITAL INPUT selector either to OPTICAL or COAXIAL.)

Timer-Activated Recording and Playback

To make a timer-activated recording or playback, connect the RMR-D3 to an audio timer, not supplied.



- ① Turn on the power of the TCD-D3.
- ② Turn the POWER switch of the RMR-D3 to ON.
- ③ Set the TIMER selector to REC for timer-activated recording or to PLAY for timer-activated playback.
- ④ Set the INPUT SELECT selector to:
 - DIGITAL: When recording the signal via the digital input connectors (Set the DIGITAL INPUT selector on the top panel of the RMR-D3 to OPTICAL or COAXIAL according to the type of connectors being used.)
 - ANALOG: When recording the signal via the MIC/LINE IN connector of the TCD-D3
- ⑤ Set the starting time(s) of a desired program on the audio timer. (You can also set the ending time.)

↓
At the preset time, the recording or playback starts.



The power source of the TCD-D3

Be sure that the TCD-D3 is powered by the supplied AC power adaptor. If you use rechargeable batteries, the TCD-D3's auto power off function will be activated and the TCD-D3 will automatically turn off during standby mode.

Power source of an FM tuner being used as a sound source for timer-activated recording

We recommend you to plug the power cord of the FM tuner into the audio timer. The tuner is simultaneously turned on.

HOLD switch of the TCD-D3

To avoid mis-operation of the TCD-D3, set the HOLD switch of the TCD-D3 to on during the timer standby or recording mode. Even with the HOLD switch on, recording and playback will start at the preset time.

Setting the starting time

Set the starting time a little before the desired program starts. Recording or playback actually starts approximately one second later than the preset time.

When the ending time comes

Recording or playback stops and the TCD-D3 enters standby mode. (The power of the TCD-D3 remains on.) When you have preset the starting time for two or more programs, recording or playback will recommence at the next starting time.

Specifications

System	Infrared pulse method
Power requirements	120V AC, 60Hz (the USA and Canada models) 240V AC, 50Hz (the UK model) 220/230V AC, 50Hz (the continental European countries model)
Power consumption	RMT-D3: DC 3V, 2 size AA (R6) batteries 2.2W (RMR-D3)
Inputs	Digital coaxial connector (phono-jack) Digital optical connector (optical jack)
Outputs	Digital coaxial connector (phono-jack) 75 ohms, 0.5Vp-p, $\pm 20\%$ Digital optical connector (optical jack) wavelength: 680nm, -18dBm
Weight	RMR-D3: approx. 360 g (13 oz) RMT-D3: approx. 110 g (4 oz) including batteries
Dimensions	RMT-D3: approx. 83 X 35 X 117 mm (w/h/d) (3 ³ / ₈ X 1 ⁷ / ₁₆ X 4 ⁵ / ₈ inches) including projecting parts RMT-D3: approx. 51 x 18 x 175 mm (w/h/d) (2 ¹ / ₈ X 2 ²³ / ₃₂ X 7 inches) including projecting parts
Supplied accessories	AA (R6) batteries (2)

Accessories not supplied

Digital connecting cord (phono-plugs)
VMC-1S (1.2m), VMC-2S (2m)
Digital cable for optical transmission (optical plug)
POC-5 (0.5m), POC-10 (1m), POC-15 (1.5m)

* Your dealer may not handle the above listed accessories. Please ask the dealer for detailed information.

Design and specifications subject to change without notice

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.